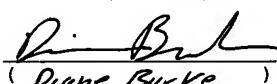




3fw

I hereby certify that this correspondence is being deposited with the U.S. Postal Service with sufficient postage as First Class Mail, in an envelope addressed to: MS Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date shown below.

Dated: December 21, 2004 Signature: 
(Diane Burke)

Docket No.: SION-P01-001
(PATENT)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:
Miller et al.

Application No.: 10/821812

Confirmation No.: 9060

Filed: April 8, 2004

Art Unit: 2881

For: EXPLOSIVES DETECTION USING
DIFFERENTIAL ION MOBILITY
SPECTROMETRY

Examiner: Not Yet Assigned

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT (SIDS)

MS Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

Pursuant to 37 CFR 1.56, 1.97 and 1.98, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached PTO/SB/08. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

This Supplemental Information Disclosure Statement is filed before the mailing date of a first Office Action on the merits as far as is known to the undersigned (37 CFR 1.97(b)(3)).

Since this application was filed after June 30, 2003, copies of issued U.S. patents and published U.S. applications are not required and are not being provided. Copies of the cited foreign and non-patent references are enclosed.

In accordance with 37 CFR 1.97(g), the filing of this Supplemental Information Disclosure Statement shall not be construed to mean that a search has been made or that no other material information as defined in 37 CFR 1.56(a) exists. In accordance with 37 CFR 1.97(h),

the filing of this Supplemental Information Disclosure statement shall not be construed to be an admission that any patent, publication or other information referred to therein is "prior art" for this invention unless specifically designated as such.

It is submitted that the Supplemental Information Disclosure Statement is in compliance with 37 CFR 1.98 and the Examiner is respectfully requested to consider the listed references.

The Director is hereby authorized to charge any deficiency in the fees filed, asserted to be filed or which should have been filed herewith (or with any paper hereafter filed in this application by this firm) to our Deposit Account No. 18-1945, under Order No. SION-P01-001. A duplicate copy of this paper is enclosed.

Dated: 12-21-04

Respectfully submitted,

By

John V. Bianco

Registration No.: 36,748

ROPES & GRAY LLP

One International Place

Boston, Massachusetts 02110-2624

(617) 951-7000

(617) 951-7050 (Fax)

Attorneys/Agents For Applicant



PTO/SB/92 (09-04)

Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Application No.: 10/821812

Attorney Docket No.: SION-P01-001

Certificate of Mailing under 37 CFR 1.8

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to:

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

on December 21, 2004
Date


Signature

Diane Burke

Typed or printed name of person signing Certificate

Note: Each paper must have its own certificate of mailing, or this certificate must identify each submitted paper.

Supplemental Information Disclosure Statement (2 pages)
SIDS (Citation) by Applicant - Form PTO/SB/08 (1 page)
Copies of References Cited - AA-AN, BA and CA-CG (8 Refs. Encl. of 22 Cited)
Certificate of First Class Mailing (1 page)
Return Receipt Postcard



Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/B/PTO				Complete if Known	
				Application Number	10/821812
				Filing Date	April 8, 2004
				First Named Inventor	Raanan A. Miller
				Art Unit	2881
				Examiner Name	Not Yet Assigned
Sheet	1	of	2	Attorney Docket Number	SION-P01-001

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
AA	US-2003/0052263-A1	03-20-2003	Kaufman et al.		
AB	US-2003/0132380-A1	07-17-2003	Miller et al.		
AC	US-6,639,212	10-28-2003	Guevremont		
AD	US-6,653,627	11-25-2003	Guevremont		
AE	US-6,690,004	02-10-2004	Miller et al.		
AF	US-6,703,609	03-09-2004	Guevremont		
AG	US-6,713,758	03-30-2004	Guevremont		
AH	US-2004/0094704-A1	05-20-2004	Miller et al.		
AI	US-6,753,522	06-22-2004	Guevremont		
AJ	US-6,770,875	08-03-2004	Guevremont		
AK	US-6,774,360	08-10-2004	Guevremont		
AL	US-6,787,765	09-07-2004	Guevremont		
AM	US-6,799,355	10-05-2004	Guevremont		
AN	US-6,806,466-B2	10-19-2004	Guevremont		

FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)			
BA	WO-01/69217 A2		09-20-2001	National Research Council Canada	T ⁶

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

NON PATENT LITERATURE DOCUMENTS					
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.			T ²
CA		Beverly, M.B. et al., "A Rapid Approach for the Detection of Dipicolinic Acid in Bacterial Spores Using Pyrolysis/Mass Spectrometry," Rapid Communications in Mass Spectrometry, Vo. 10, 455-458 (1996).			
CB		Dworzanski, J.P. et al., "Field-Portable, Automated Pyrolysis-GC/IMS System for Rapid Biomarker Detection in Aerosols: A Feasibility Study," Field Analytical Chemistry and Technology, Vol. 1, No. 5, 295-305, (1997).			
CC		Krylov, E.V., "Comparison of the Planar and Coaxial Field Asymmetrical Waveform Ion Mobility Spectrometer (FAIMS)," International Journal of Mass Spectrometry, 225, (2003) pp. 39-51.			
CD		Krylova, N. et al., "Effect of Moisture on the Field Dependence of Mobility for Gas-Phase Ions of Organophosphorus compounds at Atmospheric Pressure with Field Asymmetric Ion Mobility Spectrometry," J. Phys. Chem. A, Vol. 107, 3648-3654.			
Examiner Signature		Date Considered			

Substitute for form 1449A/B/PTO				Complete If Known	
				Application Number	10/821812
				Filing Date	April 8, 2004
				First Named Inventor	Raanan A. Miller
				Art Unit	2881
				Examiner Name	Not Yet Assigned
Sheet	2	of	2	Attorney Docket Number	SION-P01-001

	CE	Snyder, A.P., "Detection of the Picolinic Acid Biomarker in Bacillus Spores Using a Potentially Field-Portable Pyrolysis - Gas Chromatography - Ion Mobility Spectrometry System," <i>Field Analytical Chemistry and Technology</i> , Vol. 1, No. 1, pp. 49-58 (1996).	
	CF	Thornton, S.N. et al., "Feasibility of Detecting Dipicolinic Acid in Bacillus Spores Using a Handheld IMS Device with Pyrolysis GC," <i>Proceedings of the 1994 ERDEC Scientific Conference on Chemical and Biological Defense Research</i> , November 1994, Aberdeen Proving Grounds, MD, 1996, pp. 601-607.	
	CG	Thornton, S.N. et al., "Pyrolysis-Gas Chromatography/Ion Mobility Spectrometry Detection of the Dipicolinic Acid Biomarker in Bacillus Subtilis Spores During Field Bioaerosol Releases," <i>Field analytical Methods for Hazardous Wastes and Toxic Chemicals: Proceedings of a Specialty Conference</i> , January 1997, Las Vegas, NV.	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²Applicant is to place a check mark here if English language Translation is attached.

Examiner Signature		Date Considered	
-----------------------	--	--------------------	--